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RAW SEQUENCE LISTING

DATE: 09/27/2004

PATENT APPLICATION: US/10/798,090

TIME: 11:22:26

Input Set : D:\400.147 Sequence Listing.ST25.txt

Output Set: N:\CRF4\09272004\J798090.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
 4 Richards, Ivan
 5 McSwiggen, James
 7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Muscarinic
 Colinergic
 8 Receptor Gene Expression Using Short Interfering Nucleic Acid
 9 (siNA)
 11 <130> FILE REFERENCE: 400/147 (MBHB04-183)
 13 <140> CURRENT APPLICATION NUMBER: US 10/798,090
 14 <141> CURRENT FILING DATE: 2004-03-11
 16 <150> PRIOR APPLICATION NUMBER: US 10/757,803
 17 <151> PRIOR FILING DATE: 2004-01-14
 19 <150> PRIOR APPLICATION NUMBER: US 10/720,448
 20 <151> PRIOR FILING DATE: 2003-11-24
 22 <150> PRIOR APPLICATION NUMBER: US 10/693,059
 23 <151> PRIOR FILING DATE: 2003-10-23
 25 <150> PRIOR APPLICATION NUMBER: US 10/444,853
 26 <151> PRIOR FILING DATE: 2003-05-23
 28 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
 29 <151> PRIOR FILING DATE: 2003-02-20
 31 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
 32 <151> PRIOR FILING DATE: 2003-02-20
 34 <150> PRIOR APPLICATION NUMBER: US 60/358,580
 35 <151> PRIOR FILING DATE: 2002-02-20
 37 <150> PRIOR APPLICATION NUMBER: US 60/363,124
 38 <151> PRIOR FILING DATE: 2002-03-11
 40 <150> PRIOR APPLICATION NUMBER: US 60/386,782
 41 <151> PRIOR FILING DATE: 2002-06-06
 43 <150> PRIOR APPLICATION NUMBER: US 60/406,784
 44 <151> PRIOR FILING DATE: 2002-08-29
 46 <150> PRIOR APPLICATION NUMBER: US 60/408,378
 47 <151> PRIOR FILING DATE: 2002-09-05
 49 <150> PRIOR APPLICATION NUMBER: US 60/409,293
 50 <151> PRIOR FILING DATE: 2002-09-09
 52 <150> PRIOR APPLICATION NUMBER: US 60/440,129
 53 <151> PRIOR FILING DATE: 2003-01-15
 55 <150> PRIOR APPLICATION NUMBER: US 10/427,160
 56 <151> PRIOR FILING DATE: 2003-04-30
 58 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
 59 <151> PRIOR FILING DATE: 2003-05-17
 61 <160> NUMBER OF SEQ ID NOS: 304
 63 <170> SOFTWARE: PatentIn version 3.3
 65 <210> SEQ ID NO: 1
 66 <211> LENGTH: 19



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67 <212> TYPE: RNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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73 <400> SEQUENCE: 1
74 gaccuugcac aauaacagu 19
77 <210> SEQ ID NO: 2
78 <211> LENGTH: 19
79 <212> TYPE: RNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
85 <400> SEQUENCE: 2
86 uacaaccucg ccuuuguuu 19
89 <210> SEQ ID NO: 3
90 <211> LENGTH: 19
91 <212> TYPE: RNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
97 <400> SEQUENCE: 3
98 uccaaacauc agcuccucc 19
101 <210> SEQ ID NO: 4
102 <211> LENGTH: 19
103 <212> TYPE: RNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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110 cuggauacac agccccucc 19
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 19
115 <212> TYPE: RNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
121 <400> SEQUENCE: 5
122 cgaugcaggg cugcccccg 19
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 19
127 <212> TYPE: RNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
133 <400> SEQUENCE: 6
134 gggaaccguc acucauuuc 19
137 <210> SEQ ID NO: 7

138 <211> LENGTH: 19
139 <212> TYPE: RNA

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Input Set : D:\400.147 Sequence Listing.ST25.txt

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140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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145 <400> SEQUENCE: 7
146 cggcagcuac aauguuucu                                     19
149 <210> SEQ ID NO: 8
150 <211> LENGTH: 19
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152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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157 <400> SEQUENCE: 8
158 ucgagcagcu ggcaauuuc                                     19
161 <210> SEQ ID NO: 9
162 <211> LENGTH: 19
163 <212> TYPE: RNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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169 <400> SEQUENCE: 9
170 cuccucucca gacgguacc                                     19
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174 <211> LENGTH: 19
175 <212> TYPE: RNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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186 <211> LENGTH: 19
187 <212> TYPE: RNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
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193 <400> SEQUENCE: 11
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197 <210> SEQ ID NO: 12
198 <211> LENGTH: 19
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200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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206 aguggucuuc aucgcuuuc                                     19
209 <210> SEQ ID NO: 13
210 <211> LENGTH: 19

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211 <212> TYPE: RNA

212 <213> ORGANISM: Artificial Sequence

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214 <220> FEATURE:

215 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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217 <400> SEQUENCE: 13

218 cuuaacgggc auccuggcc

19

221 <210> SEQ ID NO: 14

222 <211> LENGTH: 19

223 <212> TYPE: RNA

224 <213> ORGANISM: Artificial Sequence

226 <220> FEATURE:

227 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

229 <400> SEQUENCE: 14

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19

233 <210> SEQ ID NO: 15

234 <211> LENGTH: 19

235 <212> TYPE: RNA

236 <213> ORGANISM: Artificial Sequence

238 <220> FEATURE:

239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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241 <400> SEQUENCE: 15

242 caacauccug guaaugug

19

245 <210> SEQ ID NO: 16

246 <211> LENGTH: 19

247 <212> TYPE: RNA

248 <213> ORGANISM: Artificial Sequence

250 <220> FEATURE:

251 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

253 <400> SEQUENCE: 16

254 gucauuuaag gucaacaag

19

257 <210> SEQ ID NO: 17

258 <211> LENGTH: 19

259 <212> TYPE: RNA

260 <213> ORGANISM: Artificial Sequence

262 <220> FEATURE:

263 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

265 <400> SEQUENCE: 17

266 gcagcugaag acggucaac

19

269 <210> SEQ ID NO: 18

270 <211> LENGTH: 19

271 <212> TYPE: RNA

272 <213> ORGANISM: Artificial Sequence

274 <220> FEATURE:

275 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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277 <400> SEQUENCE: 18

278 caacuacuuc cucuuuagc

19

281 <210> SEQ ID NO: 19

282 <211> LENGTH: 19

283 <212> TYPE: RNA

284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:

RAW SEQUENCE LISTING

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Input Set : D:\400.147 Sequence Listing.ST25.txt

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287 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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289 <400> SEQUENCE: 19

290 ccuggccugu gccgaucug 19

293 <210> SEQ ID NO: 20

294 <211> LENGTH: 19

295 <212> TYPE: RNA

296 <213> ORGANISM: Artificial Sequence

298 <220> FEATURE:

299 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

301 <400> SEQUENCE: 20

302 gaunaucggg gucauuca 19

305 <210> SEQ ID NO: 21

306 <211> LENGTH: 19

307 <212> TYPE: RNA

308 <213> ORGANISM: Artificial Sequence

310 <220> FEATURE:

311 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

313 <400> SEQUENCE: 21

314 aaugaaucug uuuaacgacc 19

317 <210> SEQ ID NO: 22

318 <211> LENGTH: 19

319 <212> TYPE: RNA

320 <213> ORGANISM: Artificial Sequence

322 <220> FEATURE:

323 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

325 <400> SEQUENCE: 22

326 cuacaucauc augaaucga 19

329 <210> SEQ ID NO: 23

330 <211> LENGTH: 19

331 <212> TYPE: RNA

332 <213> ORGANISM: Artificial Sequence

334 <220> FEATURE:

335 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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337 <400> SEQUENCE: 23

338 augggccuua gggaacuug 19

341 <210> SEQ ID NO: 24

342 <211> LENGTH: 19

343 <212> TYPE: RNA

344 <213> ORGANISM: Artificial Sequence

346 <220> FEATURE:

347 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

349 <400> SEQUENCE: 24

350 ggccugugac cucuggcuu 19

353 <210> SEQ ID NO: 25

354 <211> LENGTH: 19

355 <212> TYPE: RNA

356 <213> ORGANISM: Artificial Sequence

358 <220> FEATURE:

359 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/798,090

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Input Set : D:\400.147 Sequence Listing.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:207; N Pos. 20,21
Seq#:208; N Pos. 20,21
Seq#:209; N Pos. 20,21
Seq#:210; N Pos. 20,21
Seq#:211; N Pos. 20,21
Seq#:212; N Pos. 20,21
Seq#:213; N Pos. 20,21
Seq#:214; N Pos. 20,21
Seq#:215; N Pos. 20,21
Seq#:216; N Pos. 20,21
Seq#:217; N Pos. 20,21
Seq#:218; N Pos. 20,21
Seq#:219; N Pos. 20,21
Seq#:220; N Pos. 20,21
Seq#:221; N Pos. 20,21
Seq#:222; N Pos. 20,21
Seq#:223; N Pos. 20,21
Seq#:224; N Pos. 20,21
Seq#:225; N Pos. 20,21
Seq#:226; N Pos. 20,21
Seq#:227; N Pos. 20,21
Seq#:228; N Pos. 20,21
Seq#:229; N Pos. 20,21
Seq#:230; N Pos. 20,21
Seq#:231; N Pos. 20,21
Seq#:232; N Pos. 20,21
Seq#:233; N Pos. 20,21
Seq#:234; N Pos. 20,21
Seq#:235; N Pos. 20,21
Seq#:236; N Pos. 20,21
Seq#:237; N Pos. 20,21
Seq#:238; N Pos. 20,21
Seq#:239; N Pos. 20,21
Seq#:240; N Pos. 20,21
Seq#:241; N Pos. 20,21
Seq#:242; N Pos. 20,21
Seq#:243; N Pos. 20,21
Seq#:244; N Pos. 20,21
Seq#:245; N Pos. 20,21
Seq#:246; N Pos. 20,21
Seq#:247; N Pos. 20,21
Seq#:248; N Pos. 20,21
Seq#:249; N Pos. 20,21
Seq#:250; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY
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TIME: 11:22:27Input Set : D:\400.147 Sequence Listing.ST25.txt
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Seq#:251; N Pos. 20,21
Seq#:252; N Pos. 20,21
Seq#:253; N Pos. 20,21
Seq#:254; N Pos. 20,21
Seq#:255; N Pos. 20,21
Seq#:256; N Pos. 20,21
Seq#:257; N Pos. 20,21
Seq#:258; N Pos. 20,21
Seq#:259; N Pos. 20,21
Seq#:260; N Pos. 20,21
Seq#:261; N Pos. 20,21
Seq#:262; N Pos. 20,21
Seq#:263; N Pos. 20,21
Seq#:264; N Pos. 20,21
Seq#:265; N Pos. 20,21
Seq#:266; N Pos. 20,21
Seq#:267; N Pos. 20,21
Seq#:268; N Pos. 20,21
Seq#:269; N Pos. 20,21
Seq#:270; N Pos. 20,21
Seq#:271; N Pos. 20,21
Seq#:272; N Pos. 20,21
Seq#:273; N Pos. 20,21
Seq#:274; N Pos. 20,21
Seq#:275; N Pos. 20,21
Seq#:276; N Pos. 20,21
Seq#:277; N Pos. 20,21
Seq#:278; N Pos. 20,21
Seq#:279; N Pos. 20,21
Seq#:280; N Pos. 20,21
Seq#:281; N Pos. 20,21
Seq#:282; N Pos. 20,21
Seq#:283; N Pos. 20,21
Seq#:284; N Pos. 20,21
Seq#:285; N Pos. 20,21
Seq#:286; N Pos. 20,21
Seq#:287; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:288; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:289; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:290; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:291; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:292; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:293; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:294; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:295; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:296; N Pos. 20,21
Seq#:297; N Pos. 20,21
Seq#:298; N Pos. 20,21
Seq#:299; N Pos. 20,21

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Input Set : D:\400.147 Sequence Listing.ST25.txt

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Seq#:300; N Pos. 20,21
Seq#:301; N Pos. 20,21
Seq#:302; N Pos. 20,21
Seq#:303; N Pos. 20,21
Seq#:304; N Pos. 20,21

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L:2552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0
L:2570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0
L:2588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:0
L:2606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:0
L:2624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0
L:2642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:0
L:2660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:0
L:2678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0
L:2696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:0
L:2714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:2732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:217 after pos.:0
L:2750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218 after pos.:0
L:2768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:219 after pos.:0
L:2786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:0
L:2804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221 after pos.:0
L:2822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0
L:2875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223 after pos.:0
L:2928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:224 after pos.:0
L:2971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225 after pos.:0
L:3014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226 after pos.:0
L:3067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:227 after pos.:0
L:3120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228 after pos.:0
L:3178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229 after pos.:0
L:3231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:230 after pos.:0
L:3279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231 after pos.:0
L:3322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:232 after pos.:0
L:3355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:3397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234 after pos.:0
L:3445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0
L:3498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0
L:3546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0
L:3594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0
L:3672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0
L:3745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:0
L:3798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241 after pos.:0
L:3856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0
L:3934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0
L:4017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:4100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245 after pos.:0
L:4178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0
L:4251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0
L:4319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0
L:4367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249 after pos.:0
L:4420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0
L:4493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0
L:4571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:252 after pos.:0
L:4649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:253 after pos.:0
L:4722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0

VERIFICATION SUMMARY

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Input Set : D:\400.147 Sequence Listing.ST25.txt

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L:4800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:0
L:4873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:0
L:4926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0
L:4984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258 after pos.:0
L:5062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:0
L:5145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260 after pos.:0
L:5228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:5306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:5379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0
L:5447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:5495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:5548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:266 after pos.:0
L:5621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:267 after pos.:0
L:5699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:5777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269 after pos.:0
L:5850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:5878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:5906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:5934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:5962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0
L:5990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:0
L:6018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:6046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:6074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0
L:6097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0
L:6120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0
L:6143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:6166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0
L:6189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283 after pos.:0
L:6212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:0
L:6235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:0
L:6258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:286 after pos.:0
L:6285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:0
L:6312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288 after pos.:0
L:6340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289 after pos.:0
L:6373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:0
L:6406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291 after pos.:0
L:6439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:0
L:6472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293 after pos.:0
L:6505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0
L:6538 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295 after pos.:0
L:6565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296 after pos.:0
L:6592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0
L:6674 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298 after pos.:0
L:6761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299 after pos.:0
L:6818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:300 after pos.:0
L:6875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301 after pos.:0
L:6967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0
L:7024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/798,090

DATE: 09/27/2004

TIME: 11:22:27

Input Set : D:\400.147 Sequence Listing.ST25.txt

Output Set: N:\CRF4\09272004\J798090.raw

L:7111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0